TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 1717198
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/563253

INTERNATIONAL APPLICATION NO. PCT/IB 2004/002209	INTERNATIONAL FILING DATE July 5, 2004	PRIORITY DATE CLAIMED July 4, 2003

TITLE OF INVENTION
Method and System for Process Gas Entrainment and Mixing in a Kiln System

APPLICANT(S) FOR DO/EO/US
LOWES, Thomas, McQuiggan

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☑ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☑ The US has been elected (Article 31).

5. ☑ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

   a. ☑ is attached hereto (required only if not communicated by the International Bureau).

   b. ☑ has been communicated by the International Bureau.

   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☑ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

   a. ☑ is attached hereto.

   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

   a. ☑ are attached hereto (required only if not communicated by the International Bureau).

   b. ☑ have been communicated by the International Bureau.

   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

   d. ☐ have not been made and will not be made.

8. ☑ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☑ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☑ A preliminary amendment.

14. ☑ An Application Data Sheet under 37 CFR 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

18. ☑ A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. ☑ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☑ Other items or information: IPER, ISR, 1st Page Published PCT App., Express Mail Cert. Label No. EL 770 694 161 US Form PCT/IB/306

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PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
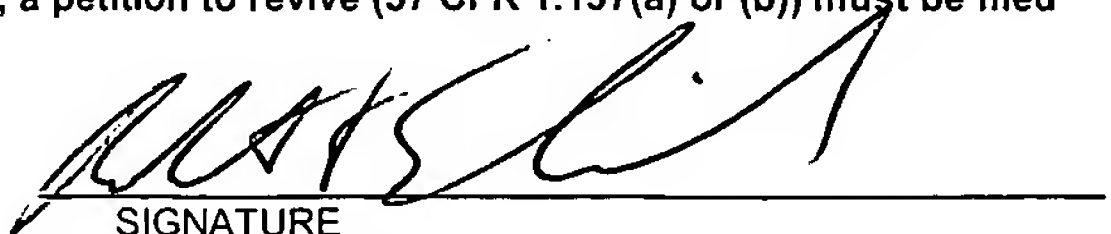U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **10/563233**	INTERNATIONAL APPLICATION NO. PCT/IB 2004/002209	ATTORNEY'S DOCKET NUMBER 1717198

The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. ☑ Basic national fee.. $300	$ 300	
22. ☑ Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).. $100 All other situations...$200	$ 200	
23. ☑ Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..$100 International Search Report prepared and provided to the Office...................................$400 All other situations...$500	$ 400	
TOTAL OF 21, 22 and 23 =	$ 900	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.		

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round **up** to a whole number)	RATE	
71 - 100 =	0 /50 =	0	x $250	$ 0

Surcharge of **$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).	$ 130

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	61 - 20 =	41	x $ 50	$ 2050
Independent claims	3 - 3 =	0	x $200	$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360	$ 0
			TOTAL OF ABOVE CALCULATIONS =	$ 3080

☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.	
SUBTOTAL =	$ 3080

Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +	$ 0
TOTAL NATIONAL FEE =	$ 3080

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$ 0
TOTAL FEES ENCLOSED =	$ 3080

	Amount to be refunded:	$
	Amount to be charged:	$

a. ☑ A check in the amount of $ __3080__ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees.
   A duplicate copy of this sheet is enclosed.

c. ☑ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. __50-0305__. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

Robert J. Schneider
NAME

27,383
REGISTRATION NUMBER

EXPRESS MAIL CERTIFICATE
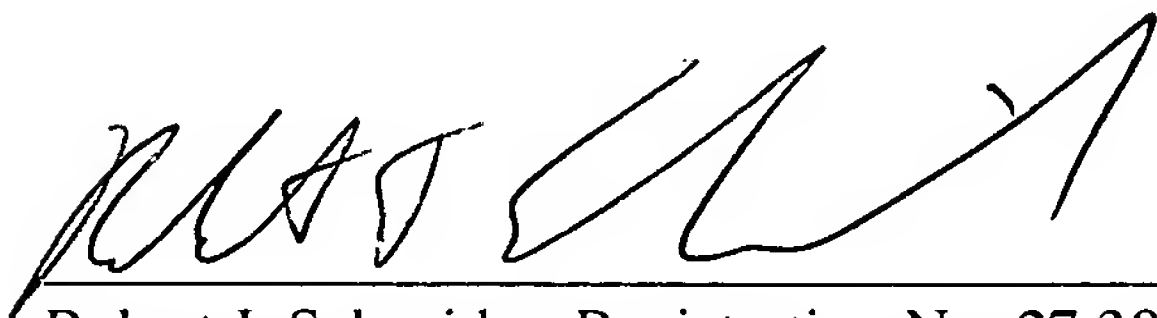
Express Mail Label Number: EL 770 694 161 US

Date of Express Mail Deposit: January 3, 2006

Attorney Docket Number: 1717198

Based on Application: PCT/IB 2004/002209

I hereby certify that the attached documents, including the above-referenced Patent Application (LOWES, inventor), with Transmittal Letter, application data sheet, preliminary amendment, specification, IDS, references, drawings, check, return post card, and related PCT documents, together with this Express Mail Certificate, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and are addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Robert J. Schneider, Registration No. 27,383

January 3, 2006
Date of Signature

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